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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A gas generator comprising:  
a housing having a first end, and a second end, an opening in said first end for fluid flow into said housing,  
and an inner peripheral wall defining a plenum, said first end fluidly communicating with a  
pressurized gas supply upon gas generator activation thereby supplying pressurized fluid flow  
through the housing;  
~~a first seal covering said first end thereby preventing pressurized fluid flow prior to gas generator~~  
~~activation;~~  
a gas supply seal for sealing the pressurized gas supply prior to gas generator activation;  
a retainer seal positioned within said opening to support said gas supply seal against a force exerted thereon  
by a pressurized gas;  
a notched support member fixed within said plenum and against said first seal thereby preventing  
pressurized fluid flow prior to gas generator activation; and  
an initiator fixed within said housing and fluidly communicating with said plenum upon gas generator  
activation, wherein upon gas generator activation, said initiator creates a force sufficient to  
fracture said notched support member thereby releasing pressurized gas into said first end.
2. (original) The gas generator of claim 1 wherein said pressurized gas supply includes a pressurized  
tank in fluid communication with said housing upon gas generator activation.
3. (currently amended) The gas generator of claim 2 wherein said pressurized tank has ~~a sealed~~ an  
aperture sealed by said gas supply seal to prevent fluid flow prior to gas generator activation, whereby upon  
gas generator activation, the sealed aperture is opened by a force of the pressurized gas to provide fluid  
communication between the pressurized tank and the first end of said housing.
4. (currently amended) The gas generator of claim 3 wherein ~~said sealed aperture contains a second~~  
~~seal attached to said first seal, and said first~~ retainer seal has a first face adjacent to said ~~second~~ gas supply  
seal, and said second gas supply seal having has a weakened portion approximately equal in area to said  
adjacent face of said ~~first~~ retainer seal.
5. (original) The gas generator of claim 1 further comprising a filter proximate to said second end  
and a plurality of gas exit apertures about said second end, whereby upon gas generator activation gas  
entering said first end passes through said filter and then exits said second end through said plurality of gas  
exit apertures.

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6. (original) The gas generator of claim 1 wherein said support member has a top surface and a bottom surface, said support member being notched on at least the bottom or the top surface.
7. (original) The gas generator of claim 1 wherein said support member comprises an annular insert contoured to fit within said inner peripheral wall, and a notched portion integral to said annular insert and spanning across said plenum.
8. (original) The gas generator of claim 1 wherein said support member is integral to said housing and extends from said inner peripheral wall and across said plenum.
9. (currently amended) A gas generator comprising:  
a housing having a sealed first end sealed by a first seal and a second perforated end, and an inner peripheral wall defining a plenum for gas flow therethrough;  
a pressurized gas bottle containing ~~a sealed~~ an opening sealed by a second seal, said sealed opening juxtaposed with said sealed first end thereby providing fluid communication from said bottle through said first end upon gas generator activation;  
a notched support member extending across said plenum and wedged against said inner peripheral wall, said support member biasing said sealed first end against said sealed opening thereby preventing fluid flow from said bottle through said first end, prior to gas generator activation; and  
an initiator extending through said housing wherein upon gas generator activation, the initiator produces a force that fractures said notched support member to facilitate fluid flow through said housing.
10. (original) A pressurized gas generator comprising:  
a housing containing a first end and a second end, a first opening in said first end for fluid flow into said housing, a retainer seal fixed within said opening for prevention of fluid flow prior to gas generator activation, and an inner peripheral wall defining a plenum;  
a pressurized gas bottle scalably connected to the first end, said gas bottle having a second opening defined by an annular periphery;  
a burst disc fixed over said annular periphery for sealing of said second opening, wherein said burst disc is welded or otherwise fixed to said retainer seal, said seal frangible upon gas generator activation;  
a notched support member wedged against said inner wall and against said retainer seal thereby providing a bias against the retainer seal and preventing gas fluid flow prior to gas generator activation; and  
a pyrotechnic initiator fixed within said housing, wherein upon activation said initiator fluidly communicates with said plenum and produces a gas stream that fractures said notched support member thereby releasing gas pressure from said gas bottle.

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11. (original) The gas generator of claim 10 wherein said burst disc comprises a peripheral edge that congruently corresponds with said annular periphery, and a weakened portion that interfaces with said retainer seal, whereby upon gas generator activation said weakened portion is fractured from said burst disc as the pressurized gas is released into said housing.
12. (original) The gas generator of claim 10 further comprising a pair of opposing detents formed within said inner wall whereby said notched support member is wedged within said pair of opposing detents thereby fixing said support member across said plenum and against said retainer seal.
13. (new) A gas generator comprising:  
a housing having a first end, a second end, and an inner peripheral wall defining a plenum, said first end fluidly communicating with a pressurized gas supply upon gas generator activation thereby supplying pressurized fluid flow through the housing, said pressurized gas supply including a pressurized tank in fluid communication with said housing upon gas generator activation, said pressurized tank having a sealed aperture to prevent fluid flow prior to gas generator activation;  
a first seal covering said first end thereby preventing pressurized fluid flow prior to gas generator activation;  
a notched support member fixed within said plenum and against said first seal thereby preventing pressurized fluid flow prior to gas generator activation; and  
an initiator fixed within said housing and fluidly communicating with said plenum upon gas generator activation,  
said sealed aperture containing a second seal attached to said first seal, and said first seal having a first face adjacent to said second seal, said second seal having a weakened portion approximately equal in area to said adjacent face of said first seal, wherein upon gas generator activation, said initiator creates a force sufficient to fracture said notched support member, and the sealed aperture is opened by a force of the pressurized gas to provide fluid communication between the pressurized tank and the first end of said housing, thereby releasing pressurized gas into said first end.
14. (new) A gas generator comprising:  
a housing having a first end, and a second end, and an inner peripheral wall defining a plenum, said first end fluidly communicating with a pressurized gas supply upon gas generator activation thereby supplying pressurized fluid flow through the housing;  
a first seal covering said first end thereby preventing pressurized fluid flow prior to gas generator activation;  
a notched support member fixed within said plenum and against said first seal thereby preventing pressurized fluid flow prior to gas generator activation, said support member including an annular insert

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contoured to fit within said inner peripheral wall, and a notched portion integral to said annular insert and spanning across said plenum; and

an initiator fixed within said housing and fluidly communicating with said plenum upon gas generator activation, wherein upon gas generator activation, said initiator creates a force sufficient to fracture said notched support member thereby releasing pressurized gas into said first end.